

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

5    Claim 1 (currently amended): A method for implementing an adaptive mixing energy ratio in an image-editing environment, comprising:  
               applying at least one audio analysis technique to a session of video footage stored in a computer readable media for performing an analysis, wherein the footage is analyzed with respect to predefined auditory patterns and non-predefined auditory patterns wherein the predefined auditory patterns include audio clips in an audio database comprising at least one of specific music melodies, specific speech sentences, specific sounds of living creatures, and specific sounds of special events;  
10      demarcating the session of video footage into a plurality of segments; determining a mixing energy ratio for each of the plurality of segments according to the audio analysis;  
               interpolating the mixing energy ratio for each of the plurality of segments to produce a mixing energy ratio profile; and  
15      applying the mixing energy ratio profile to the session of video footage.  
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Claim 2 (canceled)

Claim 3 (previously presented): The method of claim 1, further comprising applying at  
25      least a video analysis technique to a session of video footage stored in a computer readable media for performing an analysis.

Claim 4 (currently amended): The method of claim 3, wherein the video analysis technique returns predetermined parameters corresponding to properties of the footage for each of the plurality of segments. wherein the footage is analyzed by  
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~~audio analysis techniques, video analysis techniques, or a combination of audio and video analysis techniques.~~

Claim 5 (previously presented): The method of claim 1, wherein the demarcating step  
5 comprises demarcating the session of video footage into a plurality of segments based on predetermined run-time lengths.

Claim 6 (previously presented): The method of claim 1, wherein the demarcating step  
comprises demarcating the session of video footage into a plurality of segments  
10 based on contents of the footage.

Claim 7 (currently amended): The method of claim 1, wherein the audio analysis technique returns predetermined parameters corresponding to properties of the footage for each of the plurality of segments.

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Claim 8 (canceled)

Claim 9 (currently amended): The method of claim 1, wherein the predefined auditory patterns further include include:

20 ~~audio clips in an audio clip database including:~~  
~~specific music melodies;~~  
~~specific speech sentences;~~  
~~specific sounds of living creatures; and~~  
~~specific sounds of special events; and~~  
25 manually defined audio segments.

Claim 10 (currently amended): The method of claim 1, wherein the non-predefined auditory patterns include at least one of: include:

30 speech in a quiet environment;  
applause and laughter following a section of speech or music;

high-mood music;  
spoken keywords;  
stress placed on a specific section of speech;  
a recognizable relationship between length of speech segment and tempo of  
5 music;  
a recognizable relationship between tempo of speech segment and tempo of  
music;  
a recognizable relationship between length of speech segment and musical  
passages; and  
10 a recognizable relationship between length of speech segment and a space  
between musical passages.

Claim 11 (previously presented): The method of claim 1, further comprising analyzing  
the footage with respect to predefined video patterns and non-predefined video  
15 patterns.

Claim 12 (original): The method of claim 1, wherein the mixing energy ratio is a ratio  
of an audio energy of a first soundtrack to an audio energy of a second  
soundtrack.  
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Claim 13 (original): The method of claim 12, wherein the first soundtrack is a speech  
soundtrack or a music soundtrack.

Claim 14 (original): The method of claim 12, wherein the second soundtrack is a  
25 speech soundtrack or a music soundtrack.

Claim 15 (original): The method of claim 12, wherein the first soundtrack and the  
second soundtrack each comprise a plurality of channels.

30 Claim 16 (previously presented): The method of claim 1, wherein the determining step

comprises determining an average mixing energy ratio point for each of the plurality of segments.

Claim 17 (previously presented): The method of claim 1, wherein the determining step  
5 comprises determining a plurality of mixing energy ratio points for each of the plurality of segments.

Claim 18 (previously presented): The method of claim 1, wherein the step of applying the mixing energy ratio profile to the session of video footage comprises  
10 applying an adaptive mixing energy ratio to segments of special interest and applying an average mixing energy ratio to remaining segments of the session of video footage.

Claim 19 (previously presented): The method of claim 1, wherein the interpolating step comprises interpolating the mixing energy ratio for each of the plurality of segments to produce a mixing energy ratio profile, the maximum gradient of the mixing energy ratio profile being limited according to a predefined limit.  
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